

Figure 1

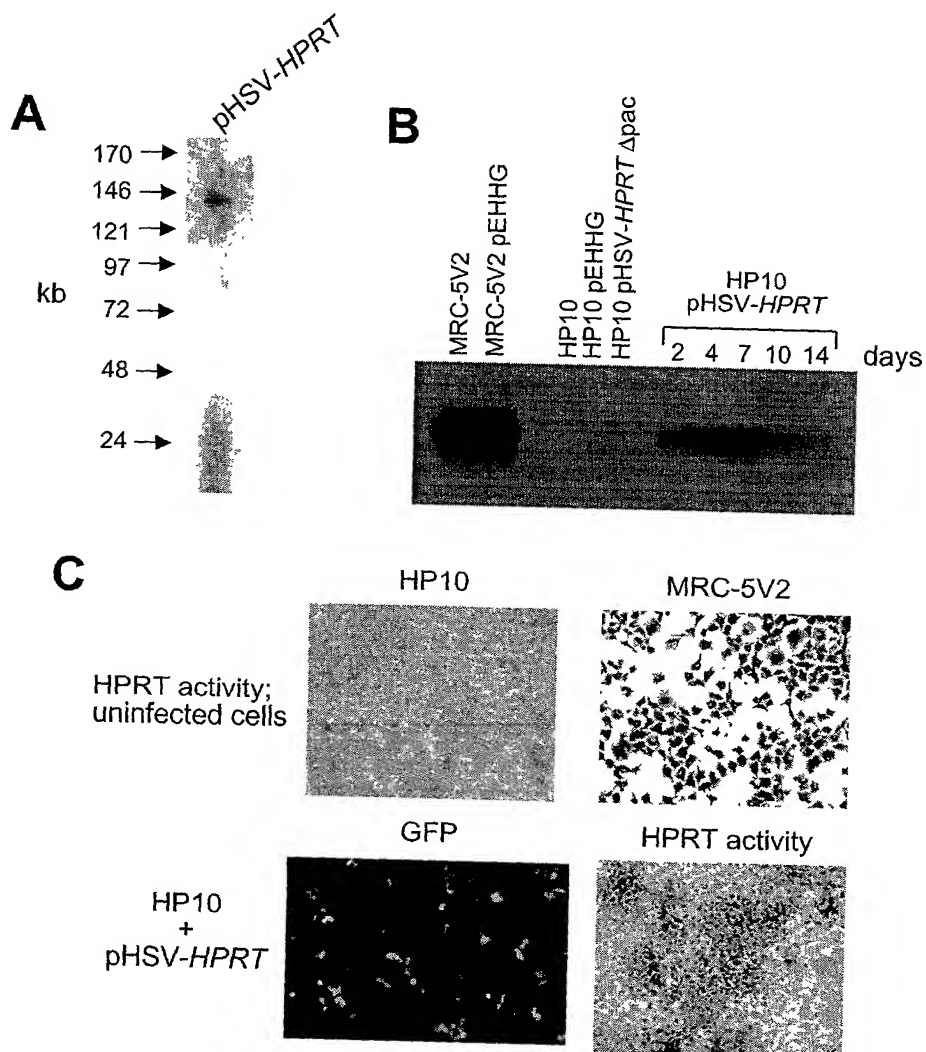


Figure 2

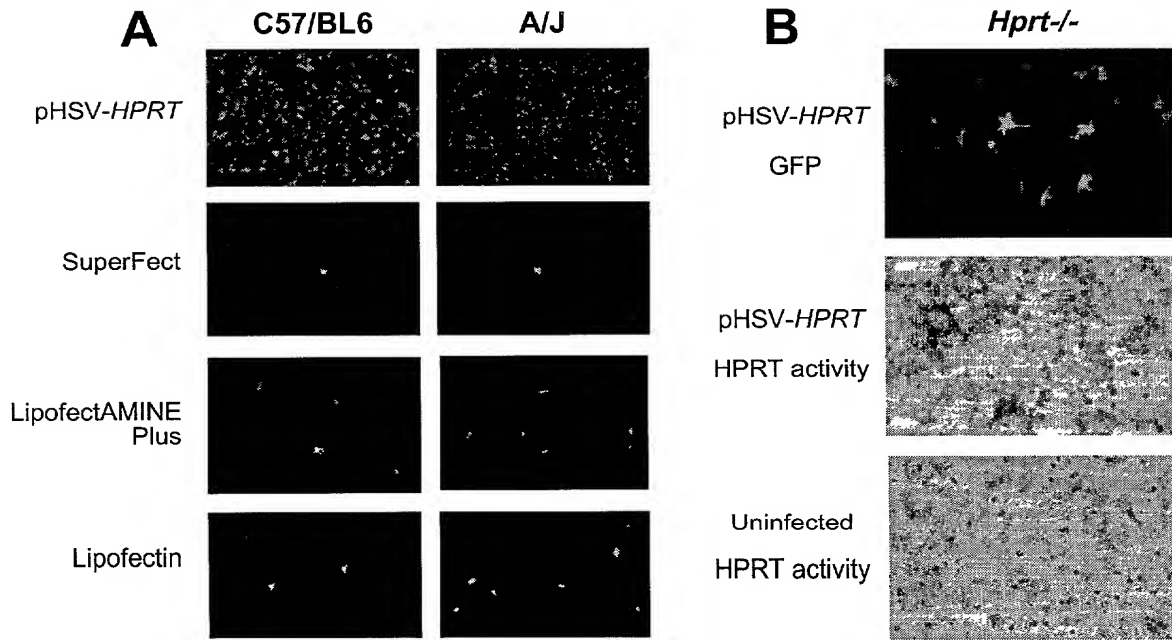


Figure 3

Appl. No. 10/035,216; Filed: January 4, 2002
 Pkt. No. 0609.5050005; Group Art Unit: 1633
 Inventor(s): Chioceca *et al.*; Tel: 202/371-2600
 Title: Viral Delivery System for Infectious Transfer of Large
 Genomic DNA Inserts

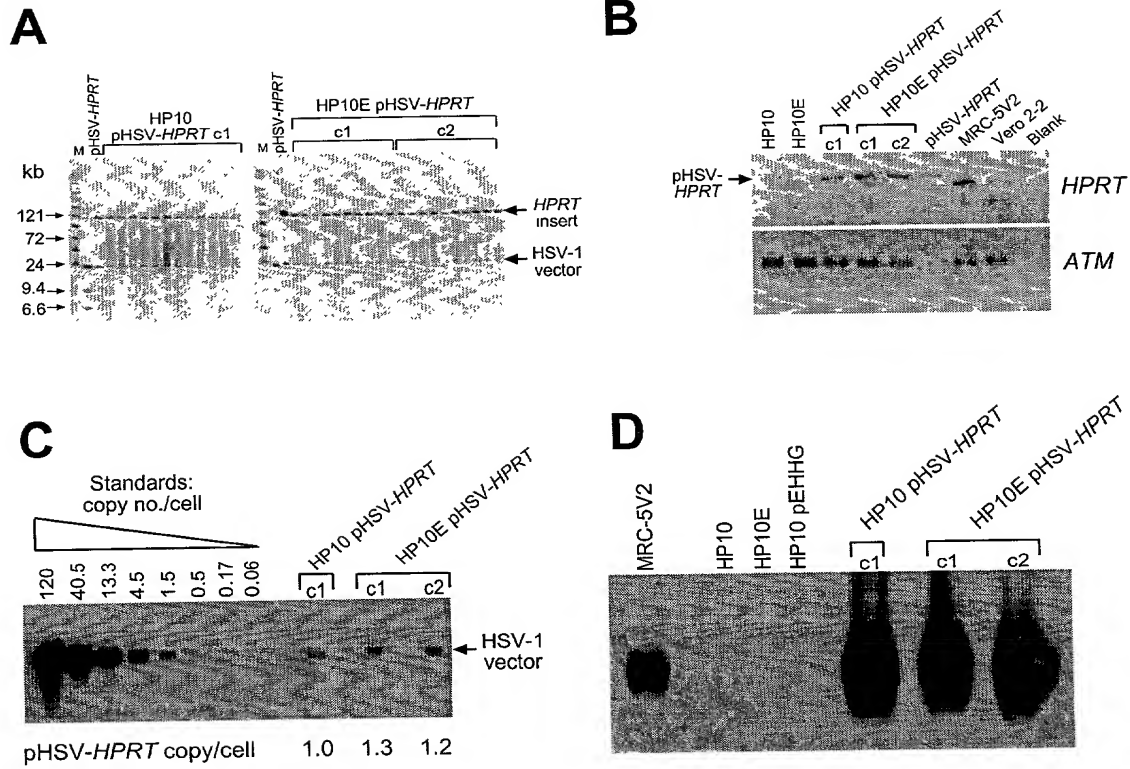


Figure 4

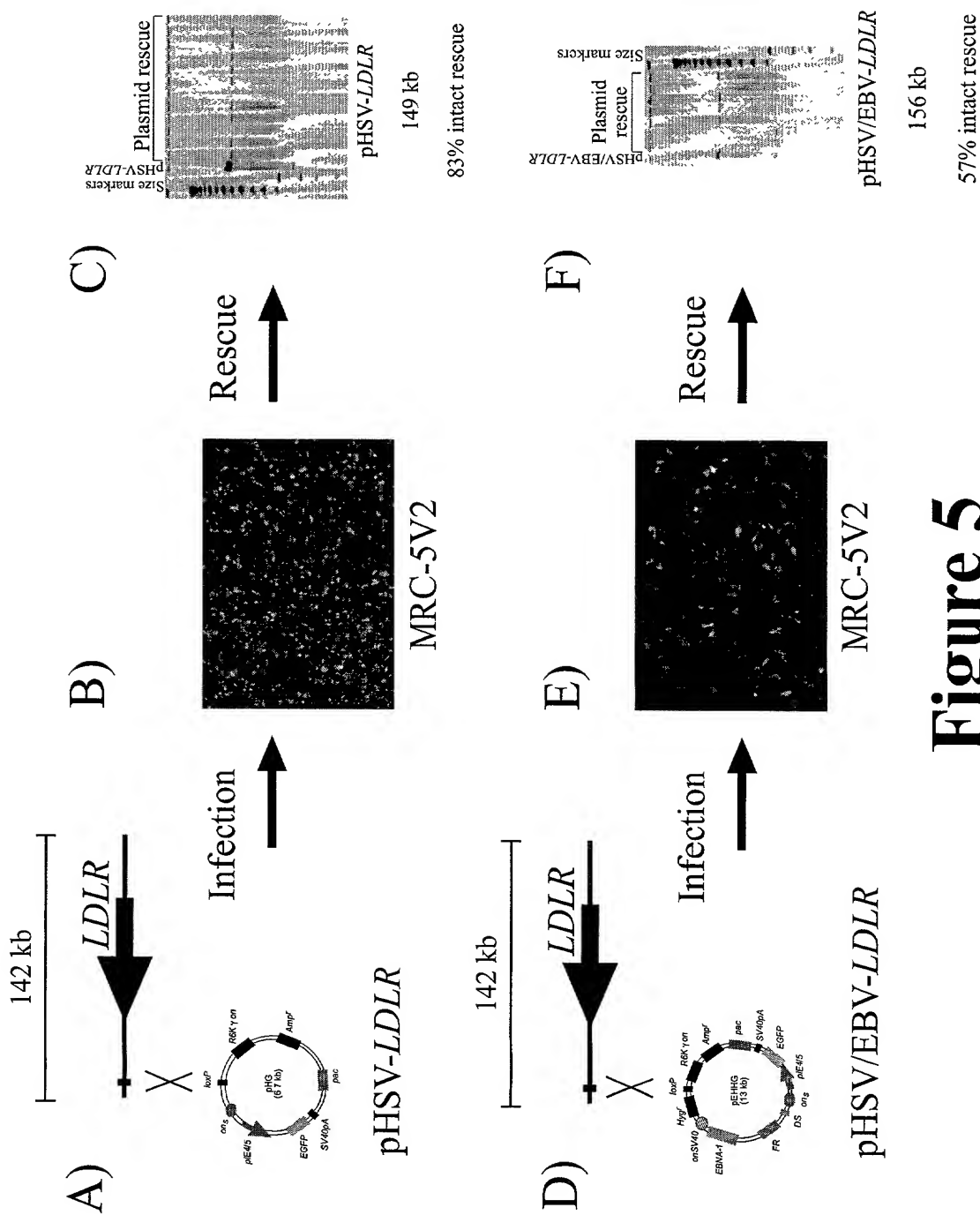
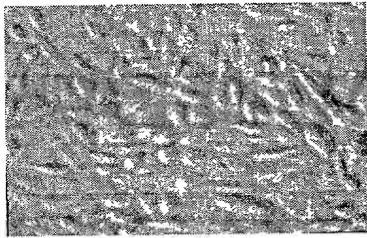


Figure 5

A) Light



B) GFP



C) LDLR



ldl^{-/-} α 7 CHO cells + pHSV-*LDLR* (149 kb)

Figure 6

HsvQuik System

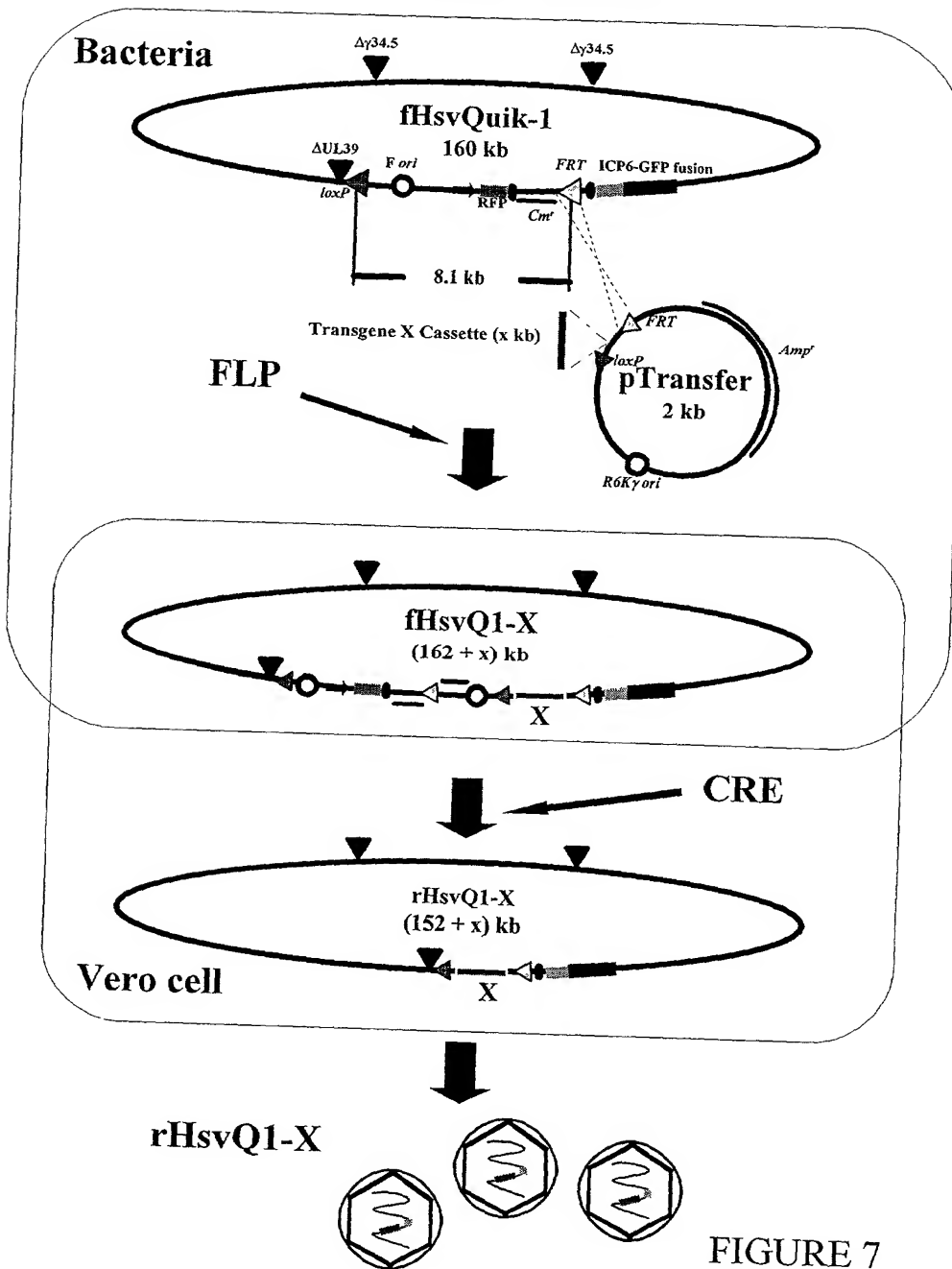
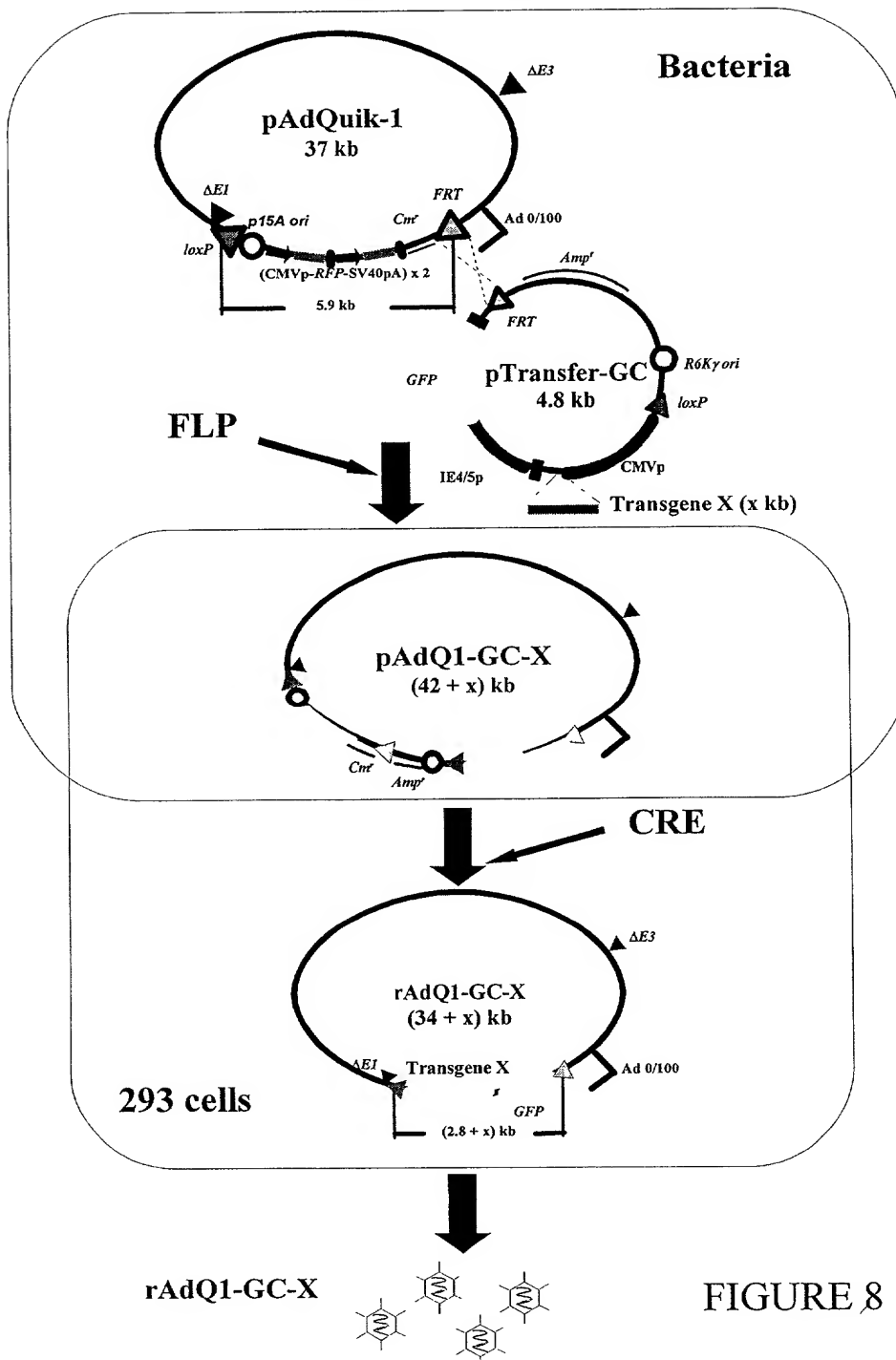


FIGURE 7

AdQuik System



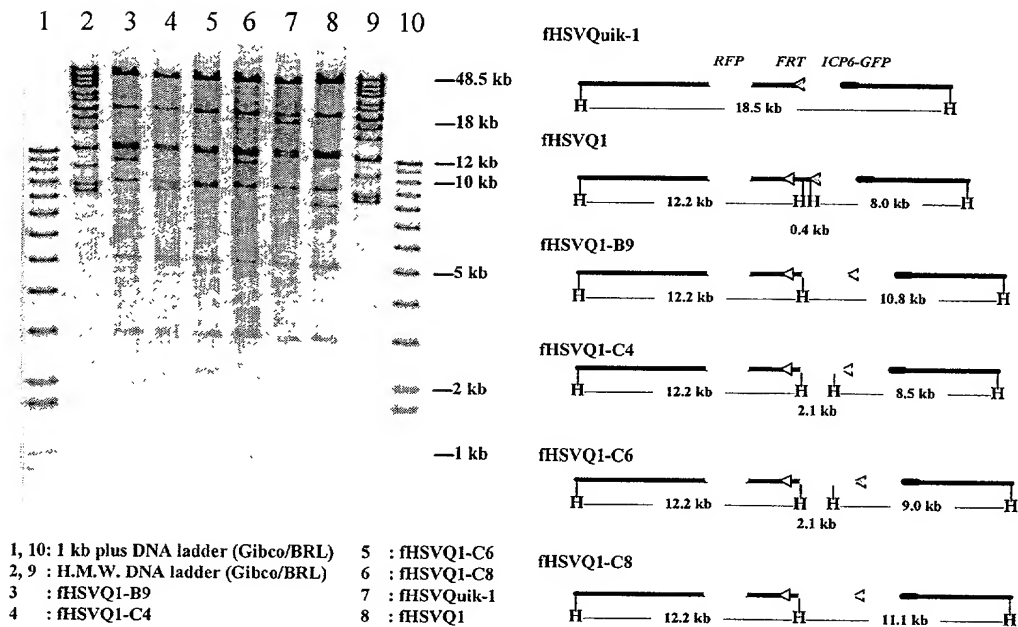


FIGURE 9

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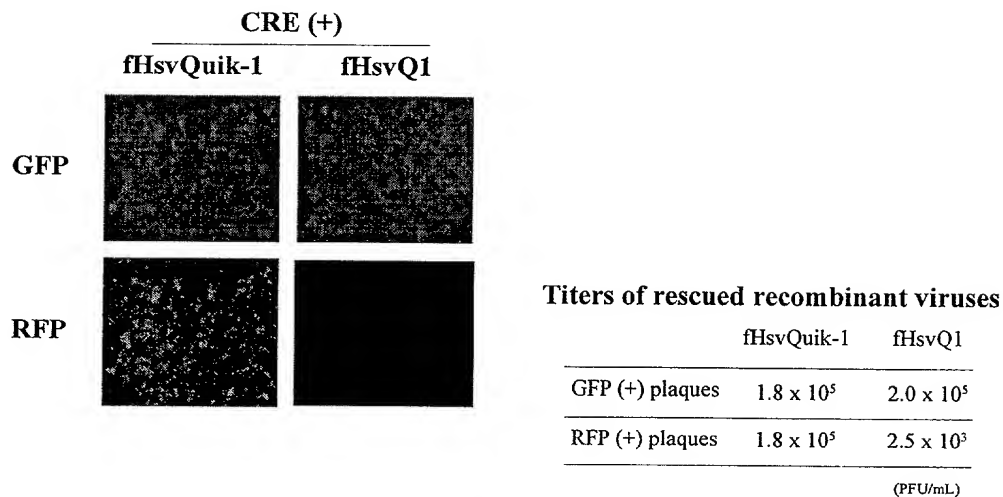


FIGURE 10

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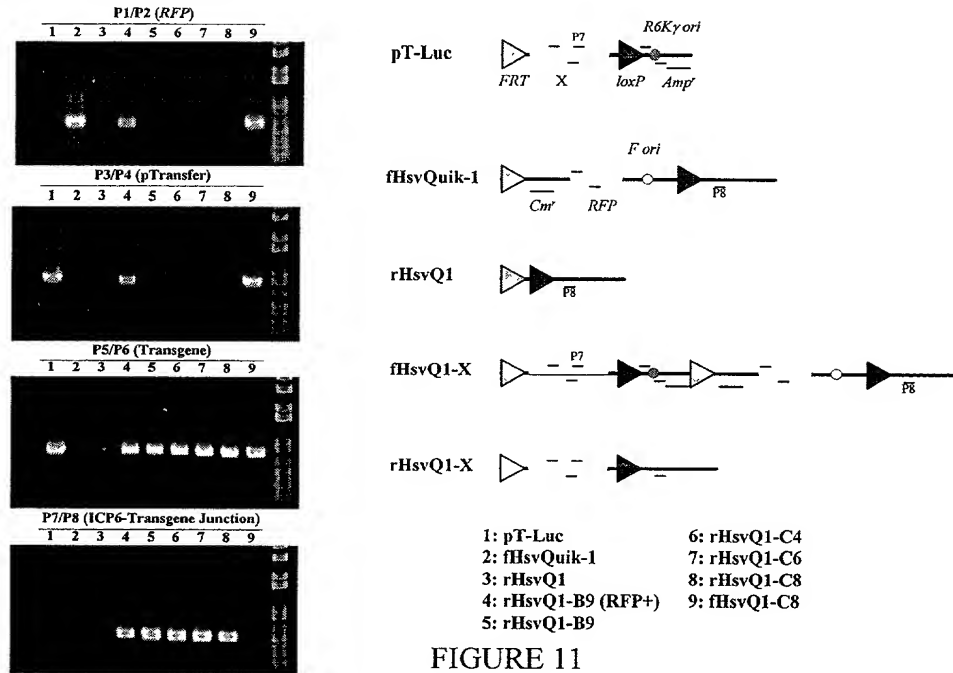
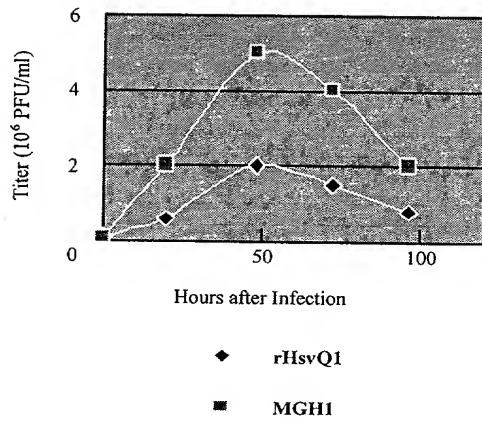


FIGURE 11

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Cytopathic effect *in vitro*

Human glioma cell lines	MGH1	rHsvQ1
U87ΔEGFR	6.7 %	19.6 %
Gli36Δ5	18.9 %	20.1 %
U343	49.3 %	44.9 %
Normal human fibroblast		
MRC9	82.7 %	90.3 %

(% surviving cells at 48 hours after infection, moi = 0.1)

FIGURE 12

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 Genomic DNA Inserts

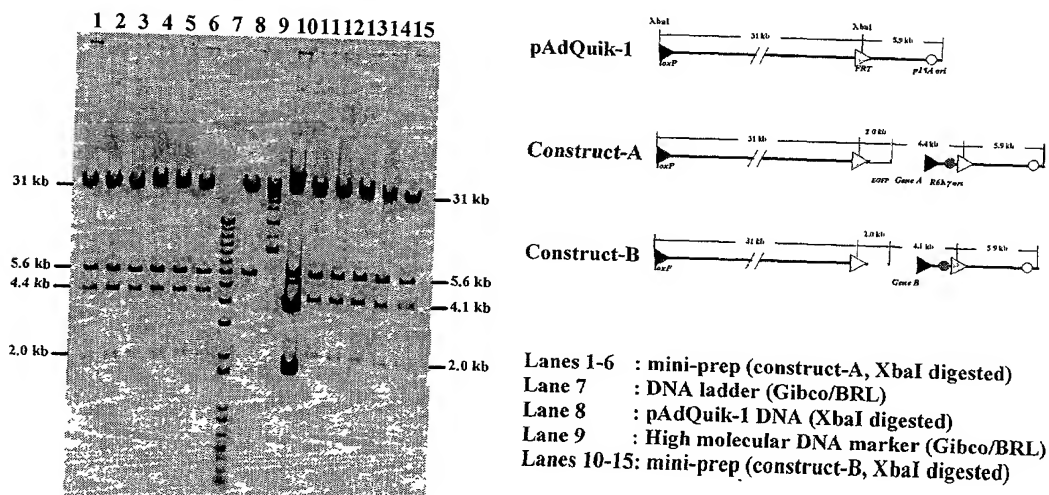


FIGURE 13

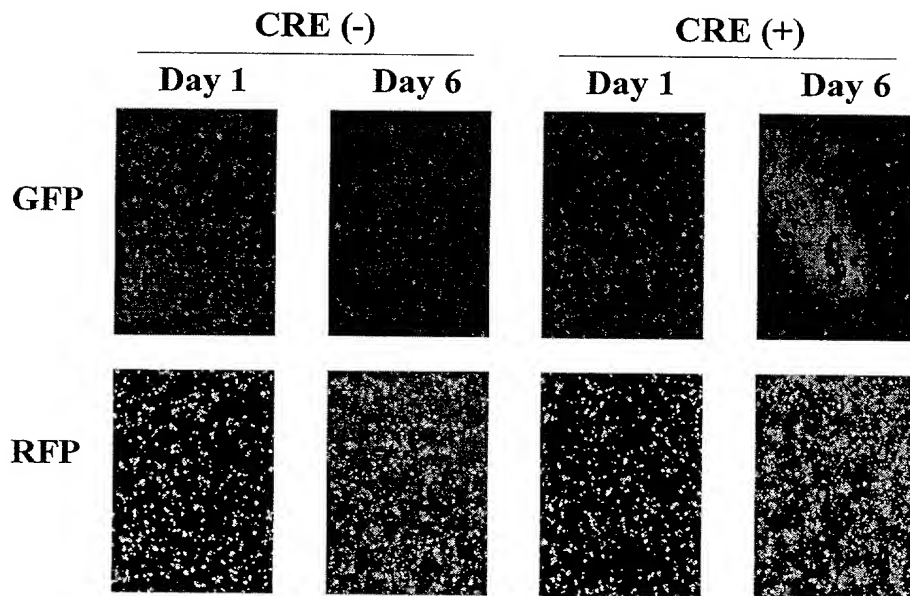
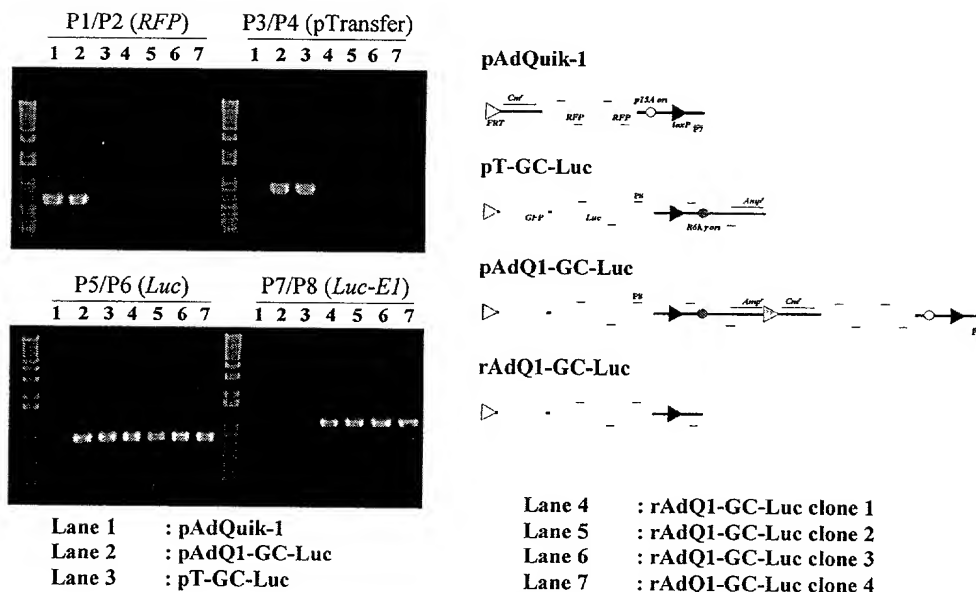
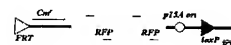


FIGURE 14

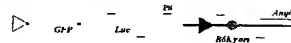
20040923 14:00:00



pAdQuik-1



pT-GC-Luc



pAdQ1-GC-Luc



rAdQ1-GC-Luc

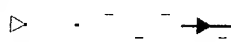


FIGURE 15

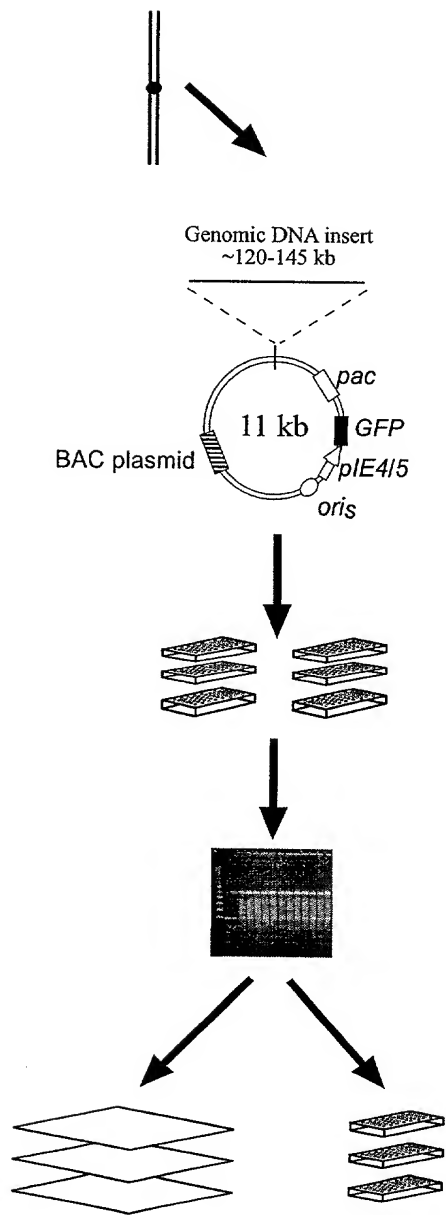


Figure 16

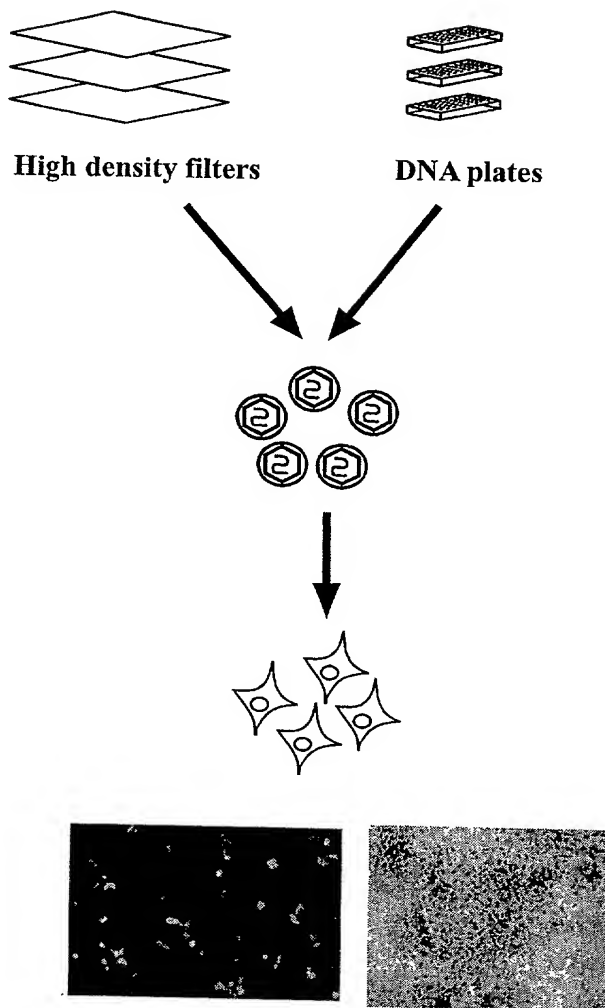


Figure 17

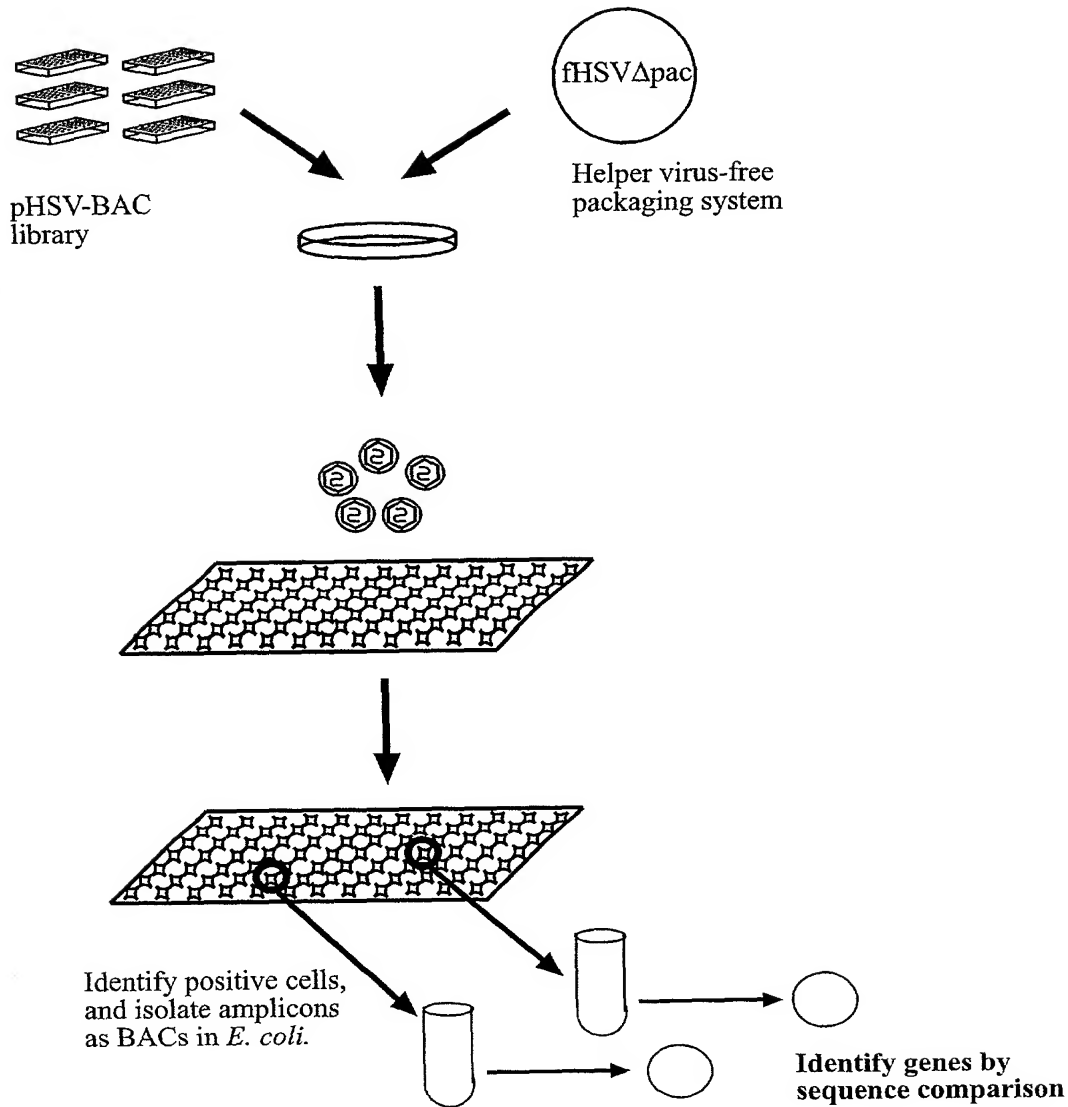


Figure 18